

<b>College Algebra Syllabus -- Math 1111 Southern Polytechnic State University</b>	
<b>Spring, 2008</b>	Jan 14 – May 1, 2008
	Math 1111/004: MTWRF 1:00 – 1:50 Room D 125
<b>Text</b>	<b>Algebra &amp; Trigonometry</b> by Sullivan, 8 <sup>th</sup> Ed
<b>Calculator</b>	TI-89 Required. This is the only calculator allowed on quizzes, mid-terms and the final exam.
<b>Prerequisite</b>	Placement by the Mathematics Assessment Test
<b>Web Site</b>	<a href="http://spsu.edu/math/people/Adler">http://spsu.edu/math/people/Adler</a> or Go to <a href="http://spsu.edu/math">http://spsu.edu/math</a> choose “Faculty Web Pages” Click on “Alfred Adler” under “Adjunct Faculty”
<b>Instructor</b>	Dr. Alfred Adler
<b>Lecture / Recitation</b>	Class meets 5 days/week: 4 Lectures & 1 Recitation. Homework will be returned and discussed in recitation.
<b>Email</b>	aadler@spsu.edu (preferred) I do answer my email, even on weekends.
<b>Phone</b>	(678) 915-7337 If I can’t answer, please leave a message. I will try to get back to you as soon as I can.
<b>Office Hours</b>	D120, times subject to change, check office door. MWF, 1:50-2:30, T-Th 7:00-7:30 & by Appointment. I will generally be available before and after class. Please contact me in advance so that we will not miss each other.
<b>Last Rev</b>	Syllabus was last changed: 13 Jan, 2008

**Grading:** (Show all work to get full credit.)

For any of these, the instructor reserves the right to drop low grades and adjust the point scale accordingly, and/or to curve grades and make other adjustments if deemed appropriate.

Homework 100 pts total

Homework will be assigned regularly, on the average about 3 times per week, but this will vary greatly from week to week. All homework is due at the next lecture. They will be graded more on effort than on having a correct answer.

Quizzes max 100 pts total

Quizzes will be given periodically during the semester. They will cover material recently discussed in class.

4 mid-term exams: (In class, closed-book, closed-notes.) 100 pts each

Cumulative Final Exam: 200 pts each

**Tentative Schedule:** (Please verify all dates)

Regular attendance is essential.

It is strongly recommended that students attend every class.

Midterm tests and Final Exam dates will be announced in class at least 1 week before each test.

Midterms tentatively scheduled: Feb. 11, Mar. 11, Apr. 4, Apr. 21

Last Drop/Add date: Jan. 17

Last day to withdraw with grade of W: Mar. 4

Holidays: MLK Day, Jan. 21

and Spring Break, Mar. 2-8

Last Day of Class: May 1

Final Exam: TBD

**How to get help:** There are multiple sources for help.

- Help sessions are available around the university. One of them is available most afternoons and some evenings in Bldg D. As soon as a specific time and place is known, it will be announced in class.
- Both the Lecturer and Recitation leader are also available for help. Please see us before or after class or during office hours.

**Exams:** In general there will be no makeup exams. If you know you will be missing an exam, please see me ahead of time to see what can be arranged. If an emergency occurs, contact me ASAP to see if what arrangements are available.

**Special Accommodations:** Students who need accommodations should contact appropriate counselor at 770-528-7361 ASAP.

**Math 1111 Homework exercises**  
**from Algebra & Trigonometry, 8th edition by Michael Sullivan.**

**NOTE: NC means No calculator, C means the TI-89 Calculator is allowed.**

**Note:** Most chapters in the text end with Review Exercises. Although these review problems are not assigned below, students are strongly recommended to do these review problems.

- R1: p.15 NC: 1-8, 21-59 odd, 60, 62, 64, 65, 68-74 even, 81-95 odd, 101, 102.
- R2: p.26 NC: 1-10, 13-25 odd, 28-50 even, 51, 54, 55, 58-63, 65, 66, 68, 71-76, 77-93 odd, 96-104, 107, 109, 110, 119, 122, 123, 127, 130, 132, 134-138, 141-148, 150, 152, 155, 158, 161. C: 112, 115, 118.
- R3: p.36 NC: 1-10, 11-19 odd, 22-30 even, 31-40, 41, 43, 45-50.
- R4: p.47 NC: 1-6, 8-22 even, 23-39 odd, 42-50 even, 55-60, 65-71 odd, 77, 80, 84, 85, 86, 89-103 odd, 109.
- R5: p.56 NC: 1-4, 5-11 odd, 14-24 even, 27, 28, 32, 33, 35, 36, 37, 39-59 odd, 60-76 even, 79, 80, 81, 84-91, 93, 96, 99, 100, 104, 106, 107, 110, 111, 114, 115, 118-130 even.
- R6: p.60 NC: 1-4, 5, 8, 11, 12, 13, 15, 18, 20, 21, 22, 25, 26.
- R7: p.69 NC: 1-4, 6-13, 15, 16, 19, 20, 21, 24-38 even, 43-59 odd, 60-66 even, 67, 69-72, 73-81 odd, 82, 84, 85-95 odd.
- R8: p.77 NC: 1-6, 7-13 odd, 14-54 even, 57, 60, 61, 63-67, 70, 71-97 odd, 108, 113. C: 99-107 odd.
- 1.1: p. 94 NC: 1-8, 10-22 even, 27-37 odd, 44, 46, 48, 49-63 odd, 70-72, 75, 77-91 odd, 94, 97, 98, 100, 101.  
C: 66, 68, 95, 99.
- 1.2: p. 106 NC: 1-8, 9-19 odd, 20, 22, 24, 26, 27, 28, 29-49 odd, 52-70 even, 79-97 odd, 101, 103, 105, 107, 121, 122, 127. C: 72-78 even, 99, 108, 115.
- 1.3: p. 116 NC: 1-8, 10-12, 15-17, 19-41 odd, 42-52 even, 53, 54, 57-71 odd, 74-82 even, 83, 84, 86-90.
- 1.4: p. 122 NC: 1-6, 7-33 odd, 36-50 even, 51, 52, 54-80 even, 81-89 odd, 90, 92, 93, 95, 96, 98, 100, 101.
- 1.6: p. 137 NC: 1-3, 5, 7-21 odd, 22-34 even, 93.
- 1.7: p. 145 NC: 1, 4-10, 12, 14, 16. C: 17-45 odd, 48-52, 55, 57.
- 2.1 p. 161 NC: 1-13, 15-43 odd, 47, 49-55 odd.
- 2.2 p. 171 NC: 1-16, 17-45 odd, 51-77 odd. C: 79, 81
- 2.3 p. 185 NC: 1-22, 23-97 odd. C: 107, 109, 115
- 2.4 p. 193 NC: 1-10, 11-45 odd. C: 47, 51
- \* 2.5 p. 199 NC: 1-14, 15, 17, 19. C: 23-29 odd
- 3.1 p. 219 NC: 1-26, 19-79 odd. C: 81, 83, 89, 91
- 3.2 p. 227 NC: 1-9, 11-27 odd. C: 29, 31
- 3.3 p. 238 NC: 1-19, 21-41 odd, 53, 55. C: 45-51 odd, 63, 65

- 3.4 p. 248 NC: 1-16, 17-45 odd. C: 47, 49, 55
- 3.5 p. 261 NC: 1-18, 19-67 odd. C: 69, 71, 87
- \* 3.6 p. 267 C: 1-9 odd. NC: 15, 17
- 4.1 p. 284 NC: 1-12, 13-23 odd, 29-37 odd. C: 43, 44
- 4.3 p. 302 NC: 1-18, 19-31 odd, 35-41 odd, 53, 55, 59, 61. C: 85, 86
- \* 4.4 p. 310 NC: 1, 7, 9. C: 19
- 4.5 p. 316 NC: 1-6, 7-19 odd, 25, 27, 34
- 5.1 p. 339 NC: 1-22, 23-35 odd, 37-43 odd, 45-55 odd, 57-64, 65-81 odd. C: 91, 95
- 5.5 p. 386 NC: 1-10, 11-27 odd, 33-41 odd, 45-53 odd, 57-63 odd, 69-75 odd, 105, 117
- 5.6 p. 393 NC: 1-6, 7-27 odd, 31-37 odd
- 6.1 p. 407 NC: 1-6, 7-49 odd, 53-58, 60, 65, 68, 72, 75, 76
- 6.2 p. 419 NC: 1-22, 23-85 odd. C: 87, 91-94
- 6.3 p. 432 NC: 1-10, 21-25 odd, 29-36, 37-75 odd, 77-89 odd. C: 11-21 odd, 95, 97, 100
- 6.4 p. 446 NC: 1-8, 9-47 odd, 57-70, 71-111 odd. C: 49-55 odd, 117, 119, 120
- 6.5 p. 457 NC: 1-6, 7-63 odd, 79-101 odd. C: 65-68, 73, 75
- 6.6 p. 463 NC: 1-4, 5-35 odd, 33-57, 75, 87. Use the calculator to calculate decimals.  
C: 61-67 odd, 89, 91, 97, 98
- \* 6.7 p. 472 C: 1, 2, 3-49 odd, 55
- 6.8 p. 484 C: 1-15 odd, 21

Sections marked with an (\*) are optional and may be skipped.